TO DO	ECE 315/ME 380	
Final Em Rubine	Fall 2020	
	M. 000	
II I. not in strandard form	-2	
2. Sign error (6)	-1.	
3. (d), no (b)	-5	
Sign error considere y	#2 -0	
(b), (c),+(d)	-3	
[2] 1. Aust show reed for N=1		
or calc N for all 3 to get Z	,	
	· · · · · ·	
Mis-labeling N 25 P, but	correct -	
Mis-labeling N as P, but assure & correct undest.	orang of Nyjust	
2. Soin vie Ronan-Huritz, 6	ut NOT Nygits -5	
Wrong crossing of image axis	-4	
(both incorrect)	-7	

13) 1. look for matching coefficients

TEZI + WIZY

input arsmer

accidentally fingled inquality

-2

2. Algebraic solin, no connection of

Ts + wa scomedic constrainty.

Missing was, geometrically,

Ts inequality wrong

All of the above incorrect.

-9.

3. A, irrespective of explanation:

4.

B, whost instance (not tied to trans regione special) + 6

C, poor justification (not tied to trans regione special) + 6

C, mostly right justification

D, characteristics of the prompt

+1

poor / ns justification

1.

3-4-1-2 (daying incorrect)

4.//5

14	1. No deductions it	! somer for nit range	Ļ
	a) not singlified.		-0/5
	forgot K in K	p calc.	-215
	forgot Kin K	appart of Kp	-4/5
	b) calc. Kp, insked calc. Kn w/ ty	of Kar (for it step input)	-415 -415
	For a+b): type# s	messed from closed-	-loop = -4/10
		Syptim	
2	125-4	no deduc	ctions 15
∅.	a) k>-4 3rd order Hurritz c		-315
		Tay	
		0 - 9	
(nies-incorpretation	SO intack	-3/5
2	No consideration of stal	in Loty	+2/5
7 .	K of ssever better, + 5	till rest	1515.
	5 m sserror sterble ile	was 1 ok sserior	+ 5/5
	CA GO		
,		A second	
4.	Right mathematics, bu	to no assentin of	+3/10.
	Mis-incupred fresponse Calculare ss ever,	not is response	-2/10. +2/10.
	Calculate SS response,	interpret as ss e nor	+6/10.
70			× .

1. a) No [SI-A]=0

Congusted as denominator to G(s)

1/5.

b) No c(sI-A)-1B+D

Algebraia error

Sleig steeps -1 + 1-2

Sheig steeps 5+3 5+1 (5+1)(s+3)

more sleiged + 245.

2.

3. Correct Gm+ Pm, but no visual eagh or indication S/ WGm, wpm

-3

4. No calculations - just hard waig

-4,